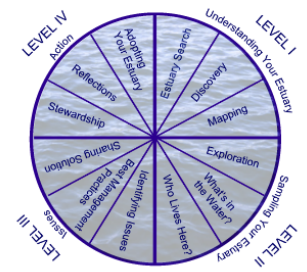




## LEVEL II- INTRODUCTION SAMPLING YOUR ESTUARY



Activities in Level II units are field research done in the estuary. They follow on-site sampling procedures used in many volunteer water quality sampling programs

In Level II, students conduct research projects to them understand:

- 1) The variables that contribute to water quality
- 2) The importance of collecting long-term, accurate data
- 3) Methods of collecting and analyzing data to assess water quality and its impact on the estuary's plants and wildlife

Students will collect data at 3 sampling sites within the estuary which represent different resource characteristics.

Level II units include:

**Level IIA: Estuary Exploration**

An on-site field exploration of the estuary based on visual observations rather than field sampling

**Level IIB: What's in the Water?**

In-depth field sampling of water quality indicators and general environmental conditions

*Note- Teachers and students may opt to do either Level II-A or Level II-B and Level II-C to fulfill Adopt An Estuary sampling requirements*

**Level IIC: Who Lives Here?**

In-depth field sampling to develop an inventory of the estuary's plants and animals